

AN ORDINANCE REGULATING CROSS CONNECTIONS WITH PUBLIC WATER SUPPLY SYSTEM BEING, TO-WIT: CONNECTION OR ARRANGEMENT OF PIPING OR APPURTENANCES THROUGH WHICH WATER OF POSSIBLE QUESTIONABLE QUALITY, WASTES OR OTHER CONTAMINATES CAN ENTER THE PUBLIC WATER SUPPLY SYSTEM.

ORDINANCE NO. 409

Be it hereby ordained by the City Council of the City of Ypsilanti:

Section 1. Definitions

(1) "Backflow" means water of questionable quality, wastes or other contaminants entering a public water supply system due to reversal of flow.

(2) "Cross-connection" means a connection or arrangement of piping or appurtenances through which a backflow could occur.

(3) "Safe air gap" means the minimum distance of a water inlet or opening above the maximum high water level or overflow rim in a fixture, device or container to which public water is furnished which shall be at least 2 times the inside diameter of the water inlet pipe; but shall not be less than 1 inch and need not be more than 12 inches.

(4) "Secondary water supply" means a water supply system maintained in addition to a public water supply, including but not limited to water systems from ground or surface sources not meeting the requirements of Act. No. 98 of the Public Acts of 1913, as amended, being section 325.201 to 325.214 of the Compiled Laws of 1948, or water from a public water supply which in any way has been treated, processed or exposed to any possible contaminant or stored in other than an approved storage facility.

(5) "Submerged inlet" means a water pipe or extension thereto from a public water supply terminating in a tank, vessel, fixture or appliance which may contain water of questionable quality, waste or other contaminant and which is unprotected against backflow.

(6) "Water utility" means a governmental unit, municipal or private corporation, association, partnership or individual engaged in furnishing water to the public for household or drinking purposes.

Section 2. Compliance with State Regulations.

A connection with a public water supply system shall comply with existing laws, ordinances and rules including:

(a) Act No. 266 of the Public Acts of 1929, as amended, being sections 338.901 to 338.917 of the Compiled Laws of 1948.

Section 3. Cross-connections prohibited.

(1) A cross-connection shall not be made between a public water supply system and a secondary water supply.

(2) A cross-connection shall not be made by submerged inlet.

(3) A cross-connection shall not be made between a public water supply and piping which may contain sanitary waste or a chemical contaminant.

(4) A cross-connection shall not be made between a public water supply system and piping immersed in a tank or vessel which may contain a contaminant.

#### Section 4. Corrections and Protective devices.

(1) A user of public water shall obtain written approval by the water utility or authorized inspection agency of any proposed corrective action or protective device before using or installing it.

(2) The total time allowed for completion of the necessary corrections shall be contingent upon the degree of hazard involved and include the time required to obtain and install equipment. If the cross-connection has not been removed, after a reasonable period of time, the water utility shall physically separate the public water supply from the onsite piping system in such a manner that the 2 systems cannot again be connected by any unauthorized person.

#### Section 5. Piping identification.

When a secondary water source is used in addition to a public water supply system, exposed public water and secondary water piping shall be identified by distinguishing colors or tags and so maintained that each pipe may be traced readily in its entirety. If piping is so installed that it is impossible to trace it in its entirety, it will be necessary to protect the public water supply at the service connection in a manner acceptable to the department of public health.

#### Section 6. Private water storage tanks.

A private water storage tank supplied from a public water supply system shall be deemed a secondary water supply unless it is designed and approved for potable water usage.

#### Section 7. Inspections

That it shall be the duty of the City of Ypsilanti to cause inspections to be made of all properties served by the Public water supply where cross connections with the public water supply is deemed possible. The frequency of inspections and reinspections based on potential health hazards involved shall be as established by the City of Ypsilanti and as approved by the Michigan Department of Public Health.

#### Section 8. Entry

That the representative of the City of Ypsilanti shall have the right to enter at any reasonable time any property served by a connection to the public water supply system of the City of Ypsilanti for the purpose of inspecting the piping system or systems thereof for cross connections. On request the owner, lessees or occupants of any property so served shall furnish to the inspection agency any pertinent information regarding the piping system or systems on such property.

Section 9. Discontinuance of Service

That the City of Ypsilanti Utilities Department is hereby authorized and directed to discontinue water service after reasonable notice to any property wherein any connection in violation of this ordinance exists or where entry for inspection purposes as provided under Section 8 of this Ordinance has been denied and to take such other precautionary measures deemed necessary to eliminate any danger of contamination of the public water supply system. Water service to such property shall not be restored until the cross connection(s) has been eliminated in compliance with the provisions of this ordinance.

Section 10. Potable water supply.

That the potable water supply made available on the properties served by the public water supply shall be protected from possible contamination as specified by this ordinance and by the state and City of Ypsilanti plumbing code. Any water outlet which could be used for potable or domestic purposes and which is not supplied by the potable system must be labeled in a conspicuous manner.

Section 11. Supplemental effect.

This ordinance is not intended to supercede the State or local Plumbing Ordinances but to act as a supplement and additional regulations to them.

Section 12. Penalty.

That any person or customer found guilty of violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not more than \$500.00 and/or 90 days in jail for each violation.

Section 13. Publication

This ordinance shall take effect upon publication in The Press.

Made and passed by the Council of the City of Ypsilanti on the 4th day of December, 1972.

Approved by the Mayor on the 4th day of December, 1972.

George D. Goodman  
Mayor

ATTEST:

James E. Ashby  
City Clerk

I do hereby certify that the above Ordinance No. 409 was published in The Press on December 8, 1972.

*James E. Ashby*

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